

4.2.L. 06010103140.

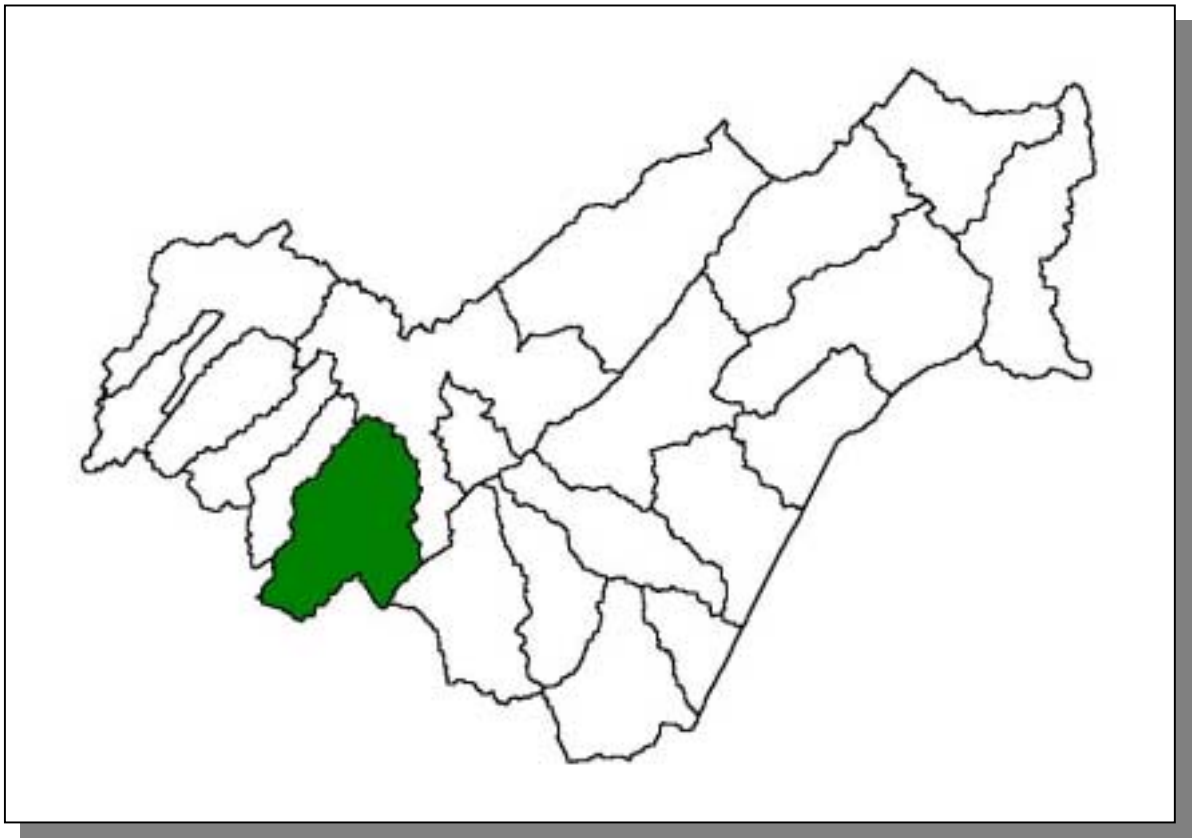


Figure 4-62. Location of Subwatershed 06010103140. All Watauga HUC-14 subwatershed boundaries are shown for reference.

4.2.L.i. General Description.

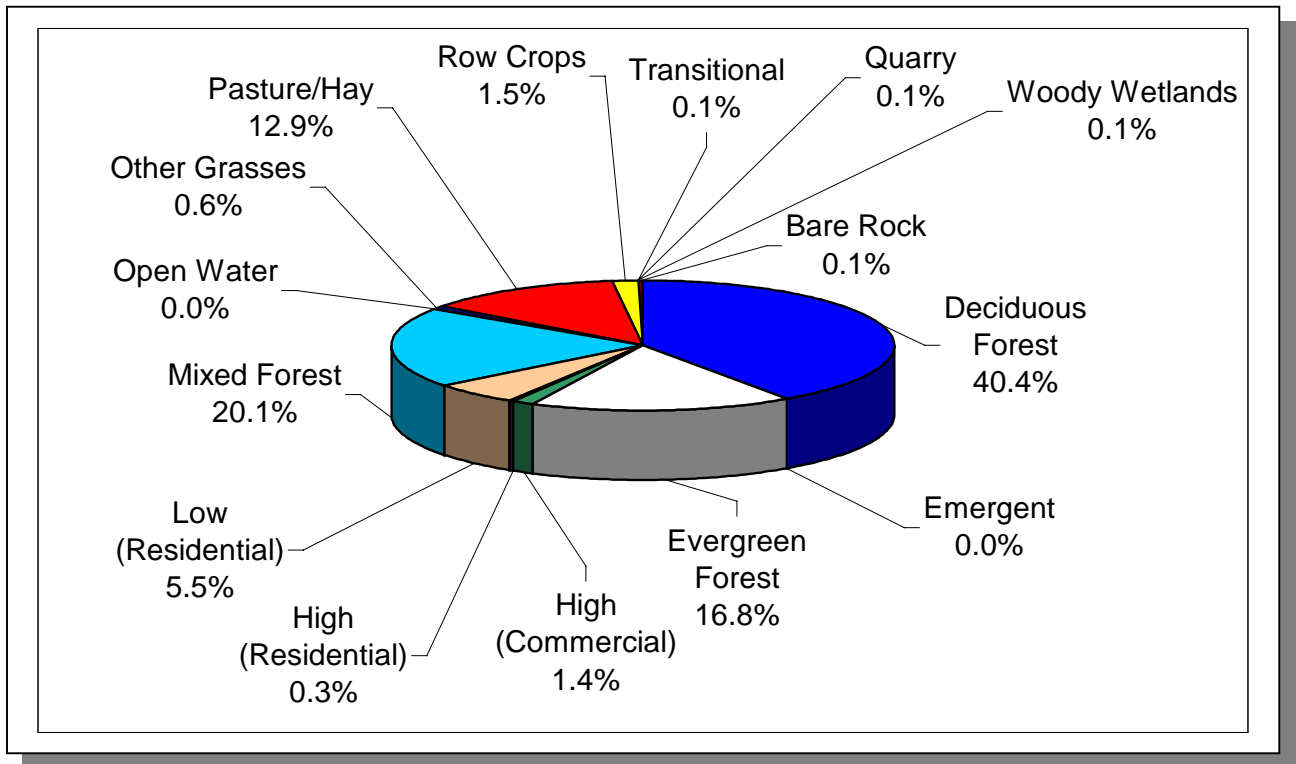


Figure 4-63. Land Use Distribution in Subwatershed 06010103140. More information is provided in Watauga-Appendix IV.

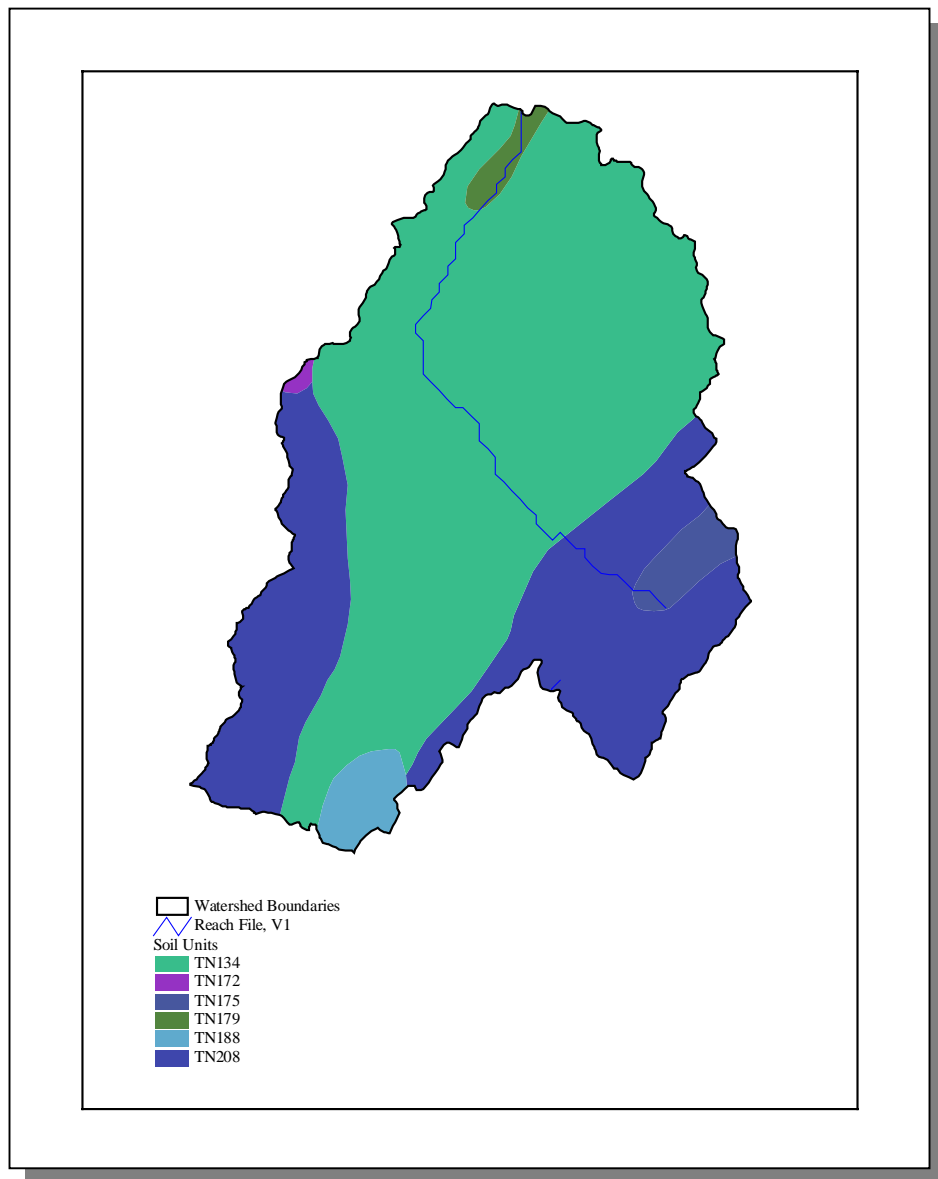


Figure 4-64. STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 06010103140.

STATSGO MAP UNIT ID	PERCENT HYDRIC	HYDROLOGIC GROUP	PERMEABILITY (in/hour)	SOIL pH	ESTIMATED SOIL TEXTURE	SOIL ERODIBILITY
TN134	0.00	B	1.38	5.18	Loam	0.31
TN172	0.00	B	3.87	5.13	Loam	0.26
TN175	0.00	B	1.49	5.23	Loam	0.30
TN179	0.00	B	3.90	5.62	Sandy Loam	0.25
TN188	0.00	B	2.65	5.40	Silty Loam	0.28
TN208	0.00	C	4.02	4.84	Loam	0.25

Table 4-63. Soil Characteristics by STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 06010103140. More information is provided in Watauga-Appendix IV.

	COUNTY POPULATION			ESTIMATED POPULATION IN WATERSHED		% CHANGE
County	1990	1997 Est.	Portion of Watershed (%)	1990	1997	
Carter	51,505	53,132	6.38	3,288	3,392	3.2
Unicoi	16,549	17,221	7.92	1,311	1,364	4.0
Washington	92,315	101,368	0.03	25	28	12.0
Totals	160,369	171,721		4,624	4,784	3.5

Table 4-64. Population Estimates in Subwatershed 06010103140.

Populated Place	County	Population	NUMBER OF HOUSING UNITS			
			Total	Public Sewer	Septic Tank	Other
Johnson City	Washington	49,178	21,214	19,213	2,001	0
Elizabethton	Carter	11,931	5,191	4,991	200	0
Totals		49,178	2,,1214	19,213	2,001	0

Table 4-65. Housing and Sewage Disposal Practices of Select Communities in Subwatershed 06010103140.



Figure 4-65. Location of Historical Streamflow Data Collection Sites In Subwatershed 06010103140. More information is provided in Watauga-Appendix IV.

4.2.L.ii. Point Source Contributions.

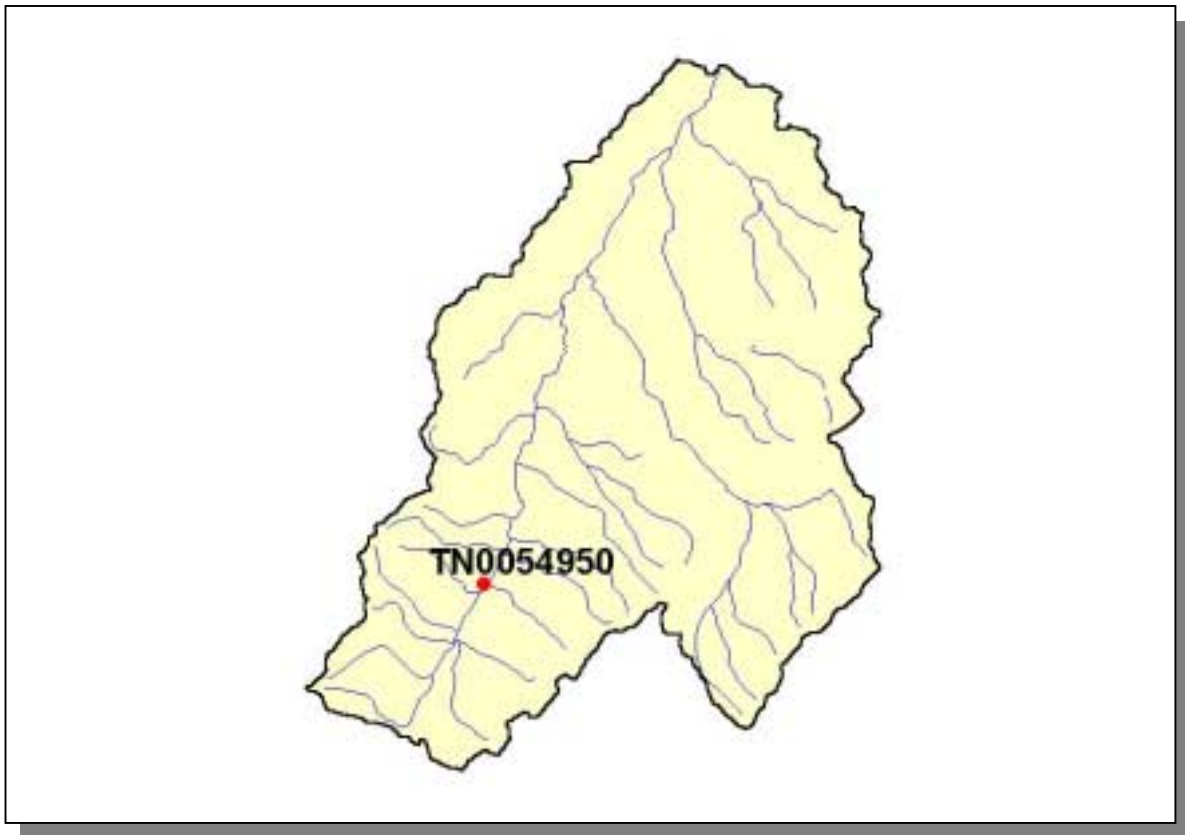


Figure 4-66. Location of Active Point Source Facilities (Individual Permits) in Subwatershed 06010103140. More information, including the names of facilities, is provided in Watauga-Appendix IV.



Figure 4-67. Location of Active Mining Sites in Subwatershed 06010103140. More information, including the names of facilities, is provided in Watauga-Appendix IV.

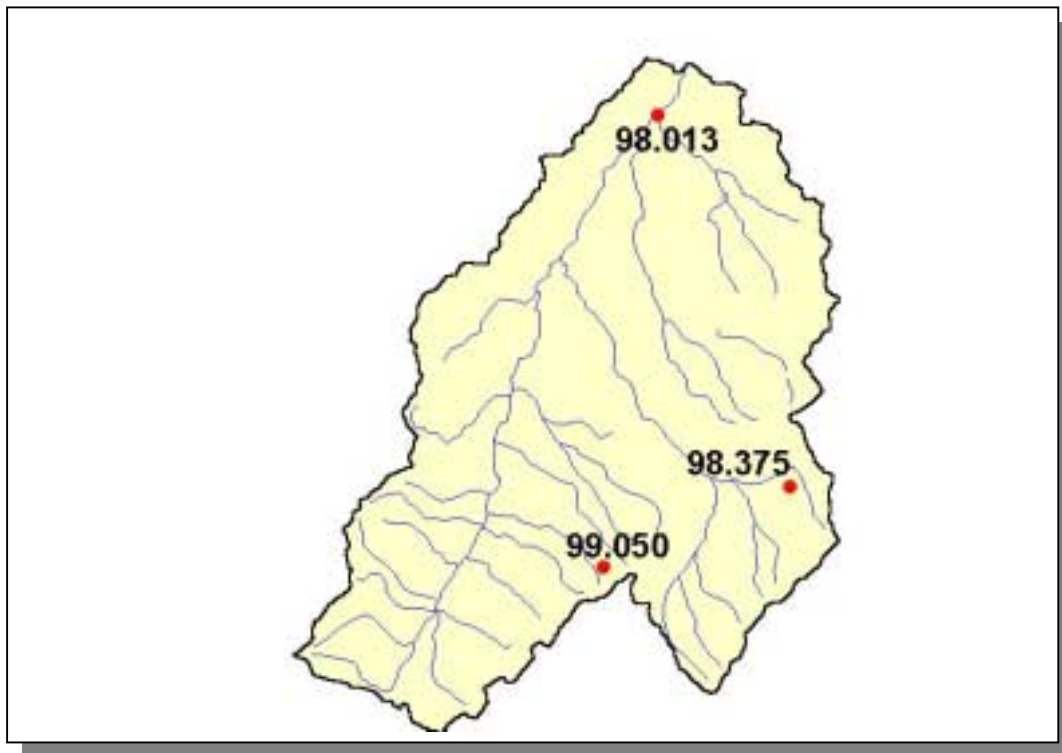


Figure 4-68. Location of ARAP Sites (Individual Permits) in Subwatershed 06010103140. More information is provided in Watauga-Appendix IV.

4.2.L.iii. Nonpoint Source Contributions.

LIVESTOCK (COUNTS)					
Beef Cow	Cattle	Milk Cow	Chickens	Hogs	Sheep
998	2,546	142	<5	27	13

Table 4-66. Summary of Livestock Count Estimates in Subwatershed 06010103140.
According to the Census of Agriculture, "Cattle" includes heifers, heifer calves, steers, bulls and bull calves.

County	INVENTORY		REMOVAL RATE	
	Forest Land (thousand acres)	Timber Land (thousand acres)	Growing Stock (million cubic feet)	Sawtimber (million board feet)
Carter	161.3	155.5	3.4	12.4
Unicoi	99.3	89.4	3.1	8.5
Washington	54.8	50.3	0.3	0.2
Totals	315.4	295.2	6.8	21.1

Table 4-67. Forest Acreage and Average Annual Removal Rates (1987-1994) in Subwatershed 06010103140.

CROPS	TONS/ACRE/YEAR
Tobacco (Row Crops)	12.11
Grass (Pastureland)	0.37
Grass, Forbs, Legumes (Mixed Pasture)	0.34
Forest Land (Not Grazed)	0.00
Farmsteads and Ranch Headquarters	0.22
Non Agricultural Land Use	0.00
Corn (Row Crops)	5.05
Grass (Hayland)	0.28
Legume Grass (Hayland)	0.40
Forest Land (Grazed)	0.00
Other Vegetable and Truck Crop	6.10
Legume (Hayland)	0.06

Table 4-68. Annual Estimated Total Soil Loss in Subwatershed 06010103140.